December 7, 1964

DIGITAL READOUT COUNTERS

The first application of the on-line/punch card dual capability will be for conversion of the 880 Comparator to include real time on-line access to the computer. The 880 uses the telecomputing reading head and I sent the maintenance manual on the Telecomputing Head. is presently determining whether the output of the telecomputing demodulator is suitable for direct input to his x- and y-axis counters. He thinks it probably is but if not he would have to add a pulse shaping network between the telecomputing demodulator and his counter. expects to have complete information and his proposal ready for submittal by Friday, Dec. 11, 1964.

The delivery schedule of the Digital Readout Counterspresently on order is:

- a) One 2-axis counter delivered 30, Sept. 64.
- b) One 2-axis counter delivered 30, Oct. 64.
- c) Spare Circuit Boards delivered 30, Oct. 64. d) One 2-axis counter delivered 30, Nov. 64.
- e) One 4-axis counter scheduled for delivery 11, Dec. 64.

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Digital Readout Counters -2-

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All above counters, except the first one delivered on 30 Sept., include the circuit changers required for a compatable interface with the computer and the solenoid holding switches for the Readout Character Command. The first unit is to be returned to	_	. —
for retrofit of the changes	ŠŤA	
go back to for the same retrofit changes. expects to receive the counter from early this month. The control	STA	
panel of the counter used on the stereo compa presently in-house must be returned to for addition of the solenoid holding switches. The computer interface changes were accomplished by at your plant in Oct. 1964.	rator STA e STA	
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IBM Punch Card Format

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

Columns 1 thru 20 reserved for operation identification.

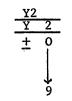
Readout Command R C	Inst Cha I	ruc rac N	tio ter S	n T
1 2 4 8	A	A 	A P	A P

28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54

	Х1		ord	ina	te	
X	I	С	0	0	R	<u>D</u>
<u>+</u>	0	0	0 1 9	0>9	0	1

Y1	Cod	ord	ina	te		
Y	I	C	0	0	R	D
<u>+</u>	0	0	0	0	0	0

X2 Coordinate						
X	2	С	0	0	R	D
<u>+</u>	0 9	0>9	0>9	0	0	0 0



55 56 57 58 59 60	61 62 63 64	65 66 67 68 69 70 71 72 73	74 75 76 77 78 79 80
Coordinate	I.D.	Special Character	Spares

